



## Managing for climate variability in the Sydney region

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**Author(s):** Smith TF, Brooke C, Preston B, Gorddard R, Abbs D, McInnes K, Withycombe G, Morrison C  
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### Abstract:

SMITH, T. F., BROOKE, C., PRESTON, B., GORDDARD, R., ABBS, D., MCINNES, K. WITHYCOMBE, G. and MORRISON, C., 2007. Managing for Climate Variability in the Sydney Region. Journal of Coastal Research, SI 50 (Proceedings of the 9th International Coastal Symposium), 109 - 113. Gold Coast, Australia, ISSN 0749.0208 Coastal research and management often has an issue-specific focus, with little attention paid to the interdependencies between those issues. Climate variability is one such issue that is impacted by, and impacts on, several other areas (e.g. coastal processes, infrastructure, health and regional economies). These interdependencies create challenges for local governments to scale-up so as to tackle these issues at a regional scale. Critical to this process of scaling-up is the adaptive capacity of local governments. A method to assist local governments deal with climate variability in the Sydney region is being developed by CSIRO and the Sydney Coastal Councils Group through the Australian Greenhouse Office National Climate Change Adaptation Program. The method consists of: (i) creating vulnerability mapping templates; (ii) working with local governments to determine collective and local vulnerabilities; (iii) analysis of local government priorities and capacity for adaptation; and (iv) assessment of transferability of the method to other regions.

**Source:** Ask your librarian to help locate this item.

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Extreme Weather Event, Precipitation, Sea Level Rise

**Extreme Weather Event:** Flooding, Landslides

#### Geographic Feature:

resource focuses on specific type of geography

Ocean/Coastal, Urban

#### Geographic Location:

resource focuses on specific location

Non-United States

# Climate Change and Human Health Literature Portal

**Non-United States:** Australasia

**Health Impact:** 

specification of health effect or disease related to climate change exposure

General Health Impact

**Mitigation/Adaptation:** 

mitigation or adaptation strategy is a focus of resource

Adaptation

**Resource Type:** 

format or standard characteristic of resource

Policy/Opinion

**Resilience:** 

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

**Timescale:** 

time period studied

Time Scale Unspecified

**Vulnerability/Impact Assessment:** 

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content